

Abstract

5 A size described for finishing glass fibers comprises merely a film-former, an adhesion promoter and also an acid for the purpose of adjusting the pH and water. The film-former used is preferably polyvinylpyrrolidone and the adhesion promoter, a γ -aminopropyltriethoxysilane hydrolyzed to the silanol. Acetic acid is preferred for acidifying.

10 The glass fibers sized with this sizing composition are notable in particular for corrosion resistance and bear an uninterrupted layer of the film-former. The stiffness of the filaments thus sized is satisfactory. The fibers are very efficiently processable as a dispersion by the wet-laying
15 process and do not tend to agglomerate. The erasing fibers sized according to the invention are particularly useful.